

Appl. No. 10/675,912
Amdt. Dated: November 17, 2006
Reply to Office Action of October 5, 2006

Attorney Docket No. 81864.0025
Customer No. 26021

RECEIVED
CENTRAL FAX CENTER

NOV 17 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) An R-T-B system rare earth permanent magnet comprising a sintered body with a composition consisting essentially of 25% to 35% by weight of R (wherein R represents one or more rare earth elements, providing that the rare earth elements include Y), 0.5% to 4.5% by weight of B, 0.02% to 0.6% by weight of Al and/or Cu, 0.03% to 0.25% by weight of Zr, 4% or less by weight (excluding 0) of Co, and the balance substantially being Fe,

wherein a coefficient of variation (CV value) showing the dispersion degree of Zr in said sintered body is 130 or less and

said magnet satisfies the condition that, with regard to a residual magnetic flux density (Br) and a coercive force (HcJ), $Br + 0.1 \times HcJ$ (dimensionless) is 15.2 or greater.

2. (Original) An R-T-B system rare earth permanent magnet according to claim 1, wherein said CV value is 100 or less.

3. (Original) An R-T-B system rare earth permanent magnet according to claim 1, wherein said CV value is 90 or less.

4. (Original) An R-T-B system rare earth permanent magnet according to claim 1, wherein the content of Zr in said sintered body is between 0.05% and 0.2% by weight.

5. (Original) An R-T-B system rare earth permanent magnet according to claim 1, wherein the content of Zr in said sintered body is 0.1% to 0.15% by weight.

Appl. No. 10/675,912
Amdt. Dated: November 17, 2006
Reply to Office Action of October 5, 2006

Attorney Docket No. 81864.0025
Customer No. 26021

6. (Original) An R-T-B system rare earth permanent magnet according to claim 1,
wherein the amount of oxygen contained in said sintered body is 2,000 ppm or less.

7-11 (Cancelled)